

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method of test receiving alternative reception frequencies in a receiver receiving a continuous flow of information at a first reception frequency, the continuous flow of information including comprising user terminating information, the receiver including comprising an information transfer routine that extracts extracting a flow of specific user terminating information from the received continuous flow of information, characterized in that said the method comprises the steps of comprising:

[[[-]]] determining an interruption in the flow of specific user terminating information;
[[[-]]] evaluating the interruption if to determiner whether it will be of an adequate length of time, and generating a positive response if it is evaluated that the interruption will be of an adequate length of time;
[[[-]]] changing the reception frequency of the receiver from the first reception frequency to an alternative reception frequency if the evaluation has generated a positive response;
[[[-]]] test receiving the alternative reception frequency;
[[[-]]] enabling reception and extraction of the flow of specific user terminating information.

2. (Currently Amended) The method according to claim 1, characterized in that the receiver is receiving wherein the continuous flow of information of is a terrestrial digital video broadcasting (DVB-T) transmission.

3. (Currently Amended) The method according to claim 1, ~~characterized in that the receiver is receiving~~ wherein the continuous flow of information ~~of~~ is a digital audio broadcasting (DAB) transmission.

4. (Currently Amended) The method according to any one of claims 1 to 3, ~~characterized in that the step of~~ wherein evaluating the interruption comprises ~~the steps of~~ [[[-]] determining a probability that the interruption will be of an adequate length of time; [[[-]] determining if the probability is larger than a predetermined threshold value; and if it is determined that the probability is larger than the predetermined threshold value then it is evaluated that the interruption will be of an adequate length of time.

5. (Currently Amended) The method according to claim 1, ~~characterized in that~~ wherein an adequate length of time of an interruption is at least equal a total time ~~of~~ required for one test reception and one frequency change.

6. (Currently Amended) The method according to claim 1, ~~characterized in that the step of~~ wherein determining an interruption in the flow of specific user information ~~is done by prediction of~~ comprises: predicting an expected interruption in ~~the receiver of~~ the receiver of the flow of specific user information received in the receiver.

7. (Currently Amended) The method according to claim 1, ~~characterized in that the step of wherein~~ determining an interruption in the flow of specific user information comprises:
~~receiving it is determined that an interruption in the flow of specific user information has occurred by~~ an indication by the information transfer routine.

8. (Currently Amended) The method according to claim 1, ~~characterized in that the step of wherein~~ determining an interruption in the flow of specific user information ~~it is determined comprises:~~

determining that an interruption in the flow of specific user information has occurred after a predetermined period of inactivity ~~of in~~ the flow of specific user information.

9. (Currently Amended) The method according to claim 1, ~~characterized in that the step of wherein~~ determining an interruption in the flow of specific user information ~~it is determined comprises:~~

determining that an interruption in the flow of specific user information has occurred after a timeout signal is generated by the information transfer routine.

10. (Currently Amended) The method according to claim 1, ~~characterized in that the step of wherein~~ enabling reception and extraction of the flow of specific user terminating information is performed after the step of test receiving the alternative reception frequency has completed.

11. (Currently Amended) The method according to claim 1, ~~characterized in that the step of wherein~~ enabling reception and extraction of the flow of specific user terminating information is performed after a predetermined time interval from the point in time of the step of changing the reception frequency from the first reception frequency to an alternative frequency.

12. (Currently Amended) The method according to claim 1, ~~characterized in that the step of wherein~~ enabling reception and extraction of the flow of specific user terminating information is performed after a predicted available time period.

13. (Currently Amended) The method according to claim 1, ~~characterized in that the step of wherein~~ enabling reception and extraction of the flow of specific user terminating information is performed after the information transfer routine has requested more information.

14. (Currently Amended) The method according to claim 1, ~~characterized in that the step of wherein~~ enabling reception and extraction of the flow of specific user terminating information is performed ~~after~~ a predetermined period of time after the information transfer routine ~~had~~ has requested more information.

15. (Currently Amended) The method according to claim 1, ~~characterized in that the step of wherein~~ enabling reception and extraction of the flow of specific user terminating information is performed after the information transfer routine is activated.

16. (Currently Amended) The method according to claim 1, ~~characterized in that the step of wherein~~ enabling reception and extraction of the flow of specific user terminating information is performed ~~after~~ a predetermined period of time after the information transfer routine is activated.

17. (Currently Amended) The method according to claim 1, ~~characterized in that the method further comprises the step of comprising:~~

determining a list of alternative frequencies.

18. (Currently Amended) The method according to claim 17, ~~characterized in that wherein~~ after the step of test receiving the alternative reception frequency the method further comprises ~~the steps of:~~

~~[-]~~ changing the reception frequency of the receiver from an alternative reception frequency to a further alternative frequency from the list of alternative frequencies; and
~~[-]~~ test receiving the further alternative frequency.

19. (Currently Amended) The method according to claim 18, ~~characterized in that the steps of:~~ wherein ~~[-]~~ changing the reception frequency of the receiver from an alternative reception frequency to a further alternative frequency from the list of determined alternative frequencies~~[; -]~~ , and test receiving the further alternative frequency~~[;]~~ are repeated by changing to alternative frequencies from the list of determined alternative frequencies.

20. (Currently Amended) The method according to claim 18, ~~characterized in that the steps of: [-] wherein~~ changing reception frequency of the receiver from an alternative reception frequency to a further alternative frequency from the list of determined alternative frequencies[; -]] ~~and~~ test receiving the further alternative frequency[[;]] are repeated by changing to alternative frequencies from the list of determined alternative frequencies, until all the frequencies from the list of determined alternative frequencies are test received.

21. (Currently Amended) The method according to claim 1, ~~characterized in that the method further comprises the step of comprising:~~

evaluating the test reception or test receptions based on one or more parameters of the test received alternative frequency or frequencies.

22. (Currently Amended) The method according to claim 1, ~~characterized in that the step of wherein~~ enabling reception and extraction of the flow of specific user terminating information comprises: ~~the step of: [-]~~

changing the reception frequency to the first reception frequency.

23. (Currently Amended) The method according to claim 1, ~~characterized in that the method further comprises a step of comprising:~~

initiating a handover to an alternative frequency.

24. (Currently Amended) The method according to claim 23, ~~characterized in that the step of wherein~~ initiating a handover comprises ~~the steps of~~:

[[[-]]] determining a handover frequency to which frequency the reception should be changed; and

[[[-]]] changing the reception frequency of the receiver to the handover frequency.

25. (Currently Amended) The method according to claim 24, ~~characterized in that the step of wherein~~ initiating a handover further comprises ~~the steps of~~:

[[[-]]] determining a further interruption in the flow of specific user terminating information;

[[[-]]] evaluating the further interruption to determine whether if it will be of an adequate length of time, and generating a positive response if it is evaluated that the further interruption will be of an adequate length of time; and

~~in the step of wherein changing the reception frequency to the handover frequency only changing reception frequency of the receiver to the handover frequency occurs if the evaluation of the further interruption has generated a positive response.~~

26. (Currently Amended) The method according to claim 25, ~~characterized in that the step of wherein~~ evaluating the further interruption comprises ~~the steps of~~:

[[[-]]] determining a probability that the further interruption will be of an adequate length of time;

[[[-]]] determining if the probability is larger than a predetermined threshold value; and

if it is determined that the probability is larger than the predetermined threshold value then it is evaluated that the further interruption will be of an adequate length of time.

27. (Currently Amended) The method according to claim 26, ~~characterized in that~~ wherein an adequate length of time ~~of a~~ for the further interruption is at least equal a total time of one frequency change.

28. (Currently Amended) The method according to claim 1, ~~characterized in that the~~ step of wherein enabling reception and extraction of the flow of specific user terminating information comprises ~~the step of~~:

[[-]] changing the reception frequency to one alternative reception frequency[[,]]; and thus

initiating a handover from the first reception frequency to the alternative reception frequency in question.

29. (Currently Amended) The method according to claim 1, ~~characterized in that the~~ step of wherein enabling reception and extraction of the flow of specific user terminating information comprises ~~the step of~~:

[[-]] initiating a handover from the first reception frequency to the alternative reception frequency that was test received most recently.

30. (Currently Amended) A receiver ~~being arranged~~ configured to ~~receiving~~ receive a continuous flow of information at a first reception frequency, the continuous flow of information ~~comprising~~ including user terminating information, the receiver ~~comprises~~ comprising:
an antenna;
a demodulator; and
a digital signal processing unit, the digital signal processing unit including an information transfer routine arranged to extract a flow of specific user terminating information from the received continuous flow of information, ~~the receiver further being arranged to be able to test receive alternative reception frequencies, characterized in that to enable test receptions of alternative reception frequencies without disturbing the reception of the flow of specific user terminating information the receiver further comprises~~ wherein the digital signal processing is configured to:

[-]]first determining means arranged to determine an interruption in the flow of specific user terminating information;

[-]]first evaluation means arranged to evaluate if the determined interruption will be of an adequate length of time;

[-]]first changing means arranged to change the reception frequency of the receiver from the first reception frequency to an alternative reception frequency if it is evaluated in the first evaluation means that the interruption is of an adequate length of time;

~~[[-]]~~test means arranged to test receive the alternative reception frequency when the first changing means has changed reception frequency to the alternative reception frequency; and

~~[[-]]~~enabling means arranged to enable reception and extraction of the flow of specific user terminating information.

31. (Currently Amended) The receiver according to claim 30, characterized in that the receiver is arranged to receive wherein the continuous flow of information of is a terrestrial digital video broadcasting (DVB-T) transmission.

32. (Currently Amended) The receiver according to claim 30, characterized in that the receiver is arranged to receive wherein the continuous flow of information of is a digital audio broadcasting (DAB) transmission.

33. (Currently Amended) The receiver according to any one of claims 30 to 32, characterized in that the first evaluation means wherein the digital signal processing unit is further comprises configured to:

~~[[-]]~~second determining means arranged to determine a probability that the interruption will be of an adequate length of time;

~~[[-]]~~third determining means arranged to determine if the probability is larger than a predetermined threshold value; and

if it is determined that the probability is larger than a predetermined threshold value then it is evaluated ~~in the first evaluation means~~ that the interruption will be of an adequate length of time.

34. (Currently Amended) The receiver according to claim 30, ~~characterized in that the~~ wherein an adequate length of time ~~of~~ for an interruption is at least equal a total time of one test reception and two frequency changes.

35. (Currently Amended) The receiver according to claim 30, ~~characterized in that the~~ ~~enabling means comprises~~ wherein the digital signal processing unit is further configured to: ~~second changing means arranged to~~ change the reception frequency to the first reception frequency.

36. (Currently Amended) The receiver according to claim 30, ~~characterized in that the~~ ~~receiver further comprises~~ handover means arranged to ~~wherein the digital signal processing unit~~ is further configured to:

initiate a handover from the first reception frequency to an alternative frequency.

37. (Currently Amended) The receiver according to claim 30, ~~characterized in that the~~ ~~enabling means comprises~~ wherein the digital signal processing unit is further configured to: ~~[-]handover means arranged to~~ initiate a handover from the first reception frequency to the alternative reception frequency that was test received most recently.